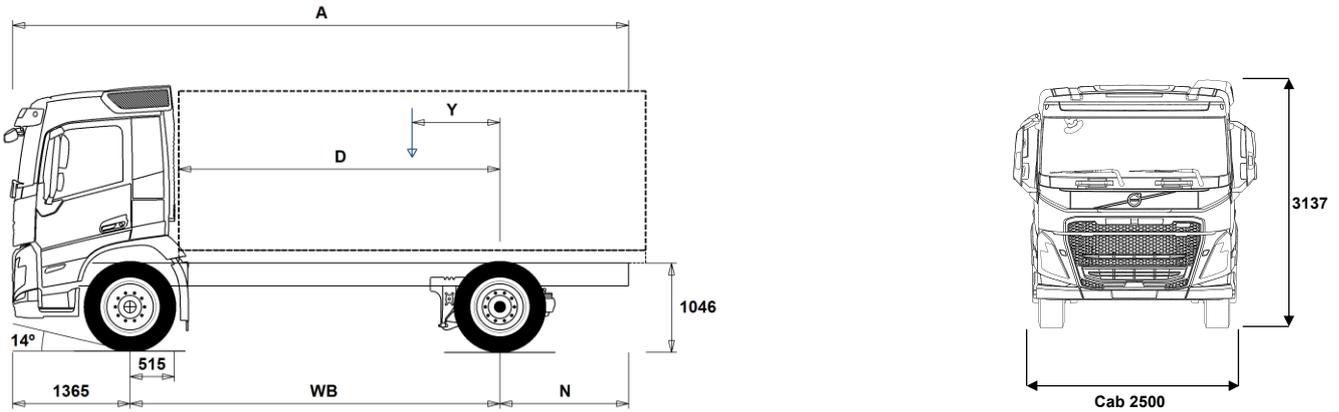


MODEL RANGE

FM 11 4x2 Rigid - Rear Air Suspension FM 42R 1A



Chassis Dimensions [mm]

WB Wheelbase	3400	3700	4000	4300	4600	4900	5200	5600	6000	6300	6500	6700
A Overall Chassis Length	6660	7110	7510	8010	8510	8960	9460	10060	10660	11210	11560	11810
D Center of rear axle to front of body	2835	3135	3435	3735	4035	4335	4635	5035	5435	5735	5935	6135
N Rear Overhang (Min.)	795	795	795	795	795	795	1395	1395	1395	1395	1395	1395
N Rear Overhang (Max.)	1895	2045	2145	2345	2545	2695	2895	3095	3295	3545	3695	3745
Y Center of Gravity for Payload (Min.)	616	675	730	787	844	902	959	1033	1105	1155	1199	1231
Y Center of Gravity for Payload (Max.)	1047	1144	1239	1337	1434	1532	1630	1759	1887	1982	2051	2112

Chassis Weights [kg]

Front Axle	4335	4330	4340	4340	4345	4340	4345	4355	4370	4400	4380	4395
Rear Axle	1820	1855	1885	1925	1965	1995	2035	2065	2110	2185	2175	2200
Kerb Weight	6155	6185	6225	6265	6310	6335	6380	6420	6480	6585	6555	6595
Payload (including body, driver, fuel, etc.)	11845	11815	11775	11735	11690	11665	11620	11580	11520	11415	11445	11405

Turning Diameter [mm]

Turning Circle Diameter Kerb to Kerb	12400	13400	14300	15200	16100	17000	17900	19200	20400	21300	21900	22500
Turning Circle Diameter Wall to Wall	13800	14800	15700	16600	17500	18400	19400	20600	21800	22700	23300	23900

Plated Weights [kg]

	Plated	Design
Gross Vehicle Weight	18000	21000
Gross Combination Weight	0	44000
Front Axle	8000	8000
Rear Axle	11500	13000

Important Notes

Chassis Dimensions

Cab Height: +328 mm for CAB-HSLP, -262 mm for CAB-LDAY, -262 mm for CAB-LSLP, +16 mm for CAB-SLP.
 Front Axle to Back of Cab: +431 mm for CAB-HSLP and CAB-SLP, -69 mm for CAB-LDAY, +425 mm for CAB-LSLP.
 D-measure includes a front clearance of 50 mm and for rigid trucks also a subframe of 100 mm.
 Height can vary ± 20 mm for leaf and ± 10 mm for air suspension.
 All dimensions are for unladen chassis and any tag axles down. Chassis height used: CHH-HIGH.
 Rear overhang used for vehicle weight calculation is the maximum rear overhang (N Max.) for selected wheelbase.
 Height change when chassis height CHH-MED,FRAME266: 0 mm.

Weight and dimensions are based upon the following tyres:
 Front Axle Tyres: 315/80R22.5
 Drive Axle Tyres: 315/80R22.5

Chassis weight includes oil, water, AdBlue, 0 litres fuel and without driver. Kerb weight can vary ± 3%.

Turning diameters are theoretically calculated.

Legal weights can differ from country to country.

For more detailed weight information, including optional equipment weights, ask your Volvo sales contact to enter your specification into the Volvo Weight Information system (WIS).

Do NOT use this drawing for bodybuilding. Refer to Volvo Bodybuilder Instructions and chassis assembly drawing FM42R1A.

MODEL RANGE

FM 11 4x2 Rigid - Rear Air Suspension FM 42R 1A

TRUCK USE

- RC-ROUGH** Road conditions - On / off-road
- RC-SMOOT** Road Conditions - Smooth
- GARB-PRE** Transport Adaption - Refuse preparation
- TIPP-PRE** Transport Adaption - Tipper vehicle preparation
- UNIFORM** Transport Adaption - Basic platform vehicle

CORE COMPONENTS

- CHH-HIGH** Chassis height - High - for loading heights check the unique BEP chassis drawing attached to this quote
- CHH-LOW** Chassis height - Low - for loading heights check the unique BEP chassis drawing attached to this quote
- CHH-MED** Chassis height - Medium - for loading heights check the unique BEP chassis drawing attached to this quote
- CHH-XLOW** Chassis height - Extra-low - for loading heights check the unique BEP chassis drawing attached to this quote
- RAD-GR** Rear suspension - 4 bag air - high
- CDCOPREP**
- FM-CREW** Cab - Four-door crew for up to 9 people
- FM-DAY6** Cab - Day - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FM-HSLP6** Cab - Globetrotter sleeper, with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FM-LDAY6** Cab - Low Day - with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FM-LSLP6** Cab - Low sleeper, with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- FM-SLP6** Cab - Sleeper, with steel safety cage design
Designed and built to Swedish impact and ECE R29 regulations
- EU6SCR** Emission level - Euro VI step E
- D11S330A** Engine - New D11K330 10.8 litre engine developing 330hp at 16-1900rpm.
Peak torque 1600Nm at 950-1400rpm.
- D11S380A** Engine - New D11K380 10.8 litre engine developing 380hp at 17-1900rpm.
Peak torque 1800Nm at 950-1400rpm.
- D11S430A** Engine - New D11K430 10.8 litre engine developing 430hp at 17-1800rpm.
Peak torque 2050Nm at 1058-1400rpm.
- D11S460A** Engine - New D11K460 10.8 litre engine developing 460hp at 16-1800rpm.
Peak torque 2200Nm at 1050-1400rpm.
- D11K330** Engine - D11K330 10.8 litre engine developing 330hp at 16-1900rpm.
Peak torque 1600Nm at 950-1400rpm.
- D11K380** Engine - D11K380 10.8 litre engine developing 380hp at 17-1900rpm.
Peak torque 1800Nm at 950-1400rpm.
- D11K430** D11K430 10.8 litre engine developing 430hp at 17-1800rpm.
Peak torque 2050Nm at 1058-1400rpm.
- D11K460** D11K460 10.8 litre engine developing 460hp at 16-1800rpm.
Peak torque 2200Nm at 1050-1400rpm.
- EBR-EPG** Engine brake type - Exhaust brake controlled by steering column switch
- EBR-EPGC** Engine brake type - Exhaust pressure governor for I shift gearbox
- EBR-VEB** Engine brake type - Volvo engine brake and exhaust pressure governor retardation 300kW
- AT2612** Gearbox - AT2612 12-speed "I-Shift" automated mechanical suitable for gross train weights up to 60 tonne only.
Refer to sales engineering when used in conjunction with a PTO
- ATO2612** Gearbox - ATO2612F 12-speed I-Shift overdrive automated mechanical, suitable for gross train weights up to 100 tonne.
Refer to sales engineering when used in conjunction with a PTO

Standard Equipment

Optional Equipment

For more detailed information about cab and powertrain equipment, please refer to separate specification sheets.

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- PT2106** Gearbox - Powertronic automatic 6-speed, max. engine torque 2100 Nm, max. permitted GCW 100000 kg
- RSH1370F** Drive axle - RSH1370F 13-tonne hub reduction with differential lock - design GCW 70 tonne
- RSS1344E** Drive axle - RSS1344E single reduction with differential lock - design GCW 44 tonne
- RSS1352A** Drive axle - RSS1352A single reduction 13 tonne with differential lock - design GCW 52 tonne
- RSS1370A** Drive axle - RSS1370A single reduction 13 tonne with differential lock - design GCW 70 tonne
- RSS1370B** Drive axle - RSS1370B single reduction 13 tonne with differential lock - design GCW 70 tonne

PACKAGES

- DRIV-EXT** Cab package - Drive Extended
- DRIV-SEL** Cab Package - Drive Select
- 1LIVINFM** Sleep & Resting Package - Living one-bed
- 2LIVINFM** Sleep & Resting Package - Living two-bed
- INFOHIGH** Media Information Platform - Medium level
- SAFE-EXT** Safety Package - Extended
- SAFE-SEL** Safety Package - Select
- CHASPAC** Chassis Package Rigid

CHASSIS

- FST-AIR** Front suspension type - Air
- FST-PAR** Front suspension type - 2 leaf parabolic springs
- FST-PAR3** Front suspension type - 3 leaf parabolic springs
- FSLs-BAS** Front suspension levelling - basic stroke
- FSLs-HI** Front suspension levelling - high stroke for demount operations - check with bodybuilder
- FAL10.0** Front axle design capacity - 10 tonne - check tyre capacity
- FAL7.5** Front axle design capacity - 7.5 tonne
- FAL8.0** Front axle design capacity - 8.0 tonne - check tyre capacity
- FAL8.5** Front axle design capacity - 8.5 tonnes
- FAL9.0** Front axle design capacity - 9.0 tonne - check tyre capacity
- FSM-LUB** Front suspension maintenance - Lubricated rear shackles on pins and bushings
- FSTAB** Front anti-roll bar - Normal stiffness
- FSTAB2** Front anti-roll bar - Medium stiffness
- FSTAB3** Front anti-roll bar - High stiffness
- RAL11.5** Rear axle design capacity - 11.5 tonne
- RAL13** Rear axle design capacity - 13 tonne
- RSTAB3** Rear anti-roll bar - Stiff
- ASF-DL1** Air suspension with 1 driving level
- ASF-DL3** Air suspension with 3 driving levels
- ACTST-TO** Active Steering- Volvo Dynamic Steering - VDS - with extra electronic pump and torque overlay
- ASFE-BAS** Active steering feature - Basic - Volvo Dynamic Steering - VDS - only
- ASFE-OG** Active steering feature - Volvo Dynamic Steering - VDS - with stability assist - oversteer
- ASFE-PO** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings and stability assist
- ASFE-PS** Active steering feature - Volvo Dynamic Steering - VDS - with personal settings
- PSS-SING** Power steering system - Single
- PSP-FIX** Power steering pump - Fixed displacement
- PSP-VAR** Power steering pump - Variable displacement
- PSP-VAR2** Power steering pump - Variable displacement with electronic control
- EBS-MED** Brake package - EBS medium including "hill" hold function
- AUXPARK** Auxiliary parking brake - Additional spring brakes
- RST-AIR** Rear suspension type - Air
- RST-AIR6**

MODEL RANGE

FM 11 4x2 Rigid - Rear Air Suspension FM 42R 1A

<input checked="" type="checkbox"/> FRAME266	Chassis frame section external height - 266 mm	<input type="checkbox"/> HOOK-SC	Snow chain hooks
<input type="checkbox"/> FRAME300	Chassis frame section external height - 300 mm	<input checked="" type="checkbox"/> TOWF-NO1	Front towing device - One detachable - stored in cab
<input type="checkbox"/> FST6060	Chassis frame thickness - 6 mm web and flange	<input type="checkbox"/> TOWF-NO2	Front towing device - Two detachable - stored in cab
<input checked="" type="checkbox"/> FST7070	Chassis frame thickness - 7 mm web and flange	<input type="checkbox"/> TOWMBRH	Towing member, high mounted in centre of frame, D = 190
<input type="checkbox"/> FST8080	Chassis frame thickness - 8 mm web and flange	<input type="checkbox"/> TOWMBRL1	Towing member, low mounted under the frame
<input type="checkbox"/> FIL-EEEB	Chassis frame inner liner - From the end of the engine to the end of the bogie	<input type="checkbox"/> TOWMBRL2	Towing member, low and forward mounted under the frame
<input type="checkbox"/> FIL-EEEF	Chassis frame inner liner - From the end of the engine to end of the frame	<input type="checkbox"/> TOWMBRL3	Towing member, low and far forward mounted under the frame
<input type="checkbox"/> FIL-TXEB	Chassis frame inner liner - From gearbox member to the end of the bogie	<input type="checkbox"/> TOWMBRM	Towing member, medium mounted in line with frame lower flange
<input type="checkbox"/> FIL-TXEF	Chassis frame inner liner - From gearbox member to the end of the frame	<input type="checkbox"/> RFEC-L	Rear frame profile - Lower flange cut for centre axle drawbar
<input checked="" type="checkbox"/> BBOX-L	Battery box position - Left hand side	<input checked="" type="checkbox"/> RFEC-S	Rear frame profile - Straight cut
<input type="checkbox"/> 2BAT210B	Battery Capacity - 2 x 210 Ah - Gel type	<input type="checkbox"/> RFEC-U	Rear frame profile - Slight uppercut for tippers
<input checked="" type="checkbox"/> 2BAT210C	Battery Capacity - 2 x 210 Ah - AGM Absorbent Glass-fibre Material type	<input type="checkbox"/> C-RI4040	Towing coupling, Ringfeder 4040A
<input checked="" type="checkbox"/> BATTAMP	Battery management - Voltage and current gauge	<input type="checkbox"/> C-RI5050	Towing coupling, Ringfeder 5050A
<input type="checkbox"/> BATTIND	Battery management - Voltage, current and charge indicators	<input type="checkbox"/> C-RO400G	Towing coupling, Rockinger 400 G-150 for 40mm eyes
<input type="checkbox"/> ADR2	ADR Adaptation - For transportation of dangerous goods on the road - Note does NOT include safe loading pass package if required this is quoted separately	<input type="checkbox"/> C-RO50	Rockinger RO 50 50mm for centre axle trailer
<input type="checkbox"/> MSWI-A	Battery master switch - ADR switch circuit shut down	<input type="checkbox"/> C-VBG795	VBG 795V-3 coupling (centre axle trailer)
<input type="checkbox"/> MSWI-C	Battery master switch - Chassis mounted toggle by the battery box	<input type="checkbox"/> TOWR-ONE	Towing hitch attached to rear crossmember
<input checked="" type="checkbox"/> MSWI-R	Battery master switch - Key fob operated remote controlled	<input checked="" type="checkbox"/> TREL-PK	Trailer electrical preparation kit - chassis/cab wiring
<input checked="" type="checkbox"/> R330A71	Right fuel tank - 330litre aluminium diameter 710mm Min volume 255l Max volume 885l	<input type="checkbox"/> TREL14	Single 14 pole electrical trailer connector
<input checked="" type="checkbox"/> UL-FUEL	Left fuel tank - Without Min volume 160l Max volume 730l	<input type="checkbox"/> TREL15	Trailer electrical connection - Single 15 pin - ADR certified
<input type="checkbox"/> ADTP-L	AdBlue tank position - Chassis mounted on the left-hand side	<input type="checkbox"/> TREL7	7 pole - 24N trailer electrical suzie
<input checked="" type="checkbox"/> ADTP-R	AdBlue tank position - Chassis mounted on the right-hand side	<input type="checkbox"/> TREL7-7	Trailer electrical connection - 2 x 7 pin - 24N and 24S
<input type="checkbox"/> ADB048	Plastic AdBlue tank - 48 litre	<input type="checkbox"/> TBC-DUO	Trailer brake connections - Duomatic type
<input checked="" type="checkbox"/> ADB064	Plastic AdBlue tank - 64 litre	<input type="checkbox"/> TBC-EC	Trailer brake connections - EC palm coupling connectors
<input type="checkbox"/> ADB068	Plastic AdBlue tank - 68 litre	<input type="checkbox"/> TRBR-STA	Stationary trailer brake control
<input type="checkbox"/> ADB083	Plastic AdBlue tank - 83 litre	<input type="checkbox"/> TRB-STRE	Stretch Brake - Automatic low speed trailer brake activation to avoid jack-knifing and improve steerability
<input type="checkbox"/> ADB090	Plastic AdBlue tank - 90 litre	<input type="checkbox"/> RUP-FOLD	Rear underrun protection - Aluminium folding EC approved
<input type="checkbox"/> ADB112	Plastic AdBlue tank - 112 litre	<input type="checkbox"/> RFEND-B	Rear mud wings - Three piece EC approved and spray flaps
<input type="checkbox"/> ADTC-BF	AdBlue tank cover with satin alloy look decorative cover	<input type="checkbox"/> RFEND-T	Rear mud wings - Temporary on drive axle for transport delivery only
<input checked="" type="checkbox"/> FCAP-L	Diesel and AdBlue filler cap - Locking	<input type="checkbox"/> RFH-BAS	Basic rear wing height
<input checked="" type="checkbox"/> FUFF-AS	Fuel filler - Anti-spill device	<input type="checkbox"/> RFH-HIG	High rear wing height - higher wing tops
<input type="checkbox"/> FUFF-ATS	Fuel filler - Anti-spill & anti-syphon device	<input type="checkbox"/> RFH-LOW	Lower rear wing height - shallower wing tops
<input type="checkbox"/> ESH-LEFT	Exhaust - Horizontal silencer - left outlet	<input checked="" type="checkbox"/> ATANK-AL	Air tanks - Aluminium
<input checked="" type="checkbox"/> ESH-REAR	Exhaust - Horizontal silencer - rear outlet	<input checked="" type="checkbox"/> ATANK-ST	Air tanks - Steel
<input type="checkbox"/> ESH-RIGH	Exhaust - Horizontal silencer - right outlet	<input checked="" type="checkbox"/> TL-LED	Rear lights - LED
<input type="checkbox"/> ESH-VERT	Exhaust - Horizontal silencer - vertical outlet	<input checked="" type="checkbox"/> BLIGHT-E	Emergency brake light
<input type="checkbox"/> EXST-SSP	Stainless steel exhaust stack - NOT polished	WHEELS & TYRES	
<input type="checkbox"/> EXST-ST	Steel exhaust stack	<input type="checkbox"/> RT-AL	Wheels - Howmet Alcoa brushed aluminium rims - standard holes for long stud fixing
<input type="checkbox"/> HS-NAR	Narrow heat shield	<input type="checkbox"/> RT-ALDP	Wheels - Howmet Alcoa Dura-Bright aluminium rims - standard holes for long stud fixing
<input type="checkbox"/> WHC-FIX1	Wheel chock - One fixed design	<input type="checkbox"/> RT-ALDPD	Wheels - Howmet Alcoa Dura-Bright EVO aluminium rims - countersunk holes for short stud fixing
<input type="checkbox"/> WHC-FIX2	Wheel chocks - Two fixed design	<input type="checkbox"/> RT-ALDU	Wheels - Howmet Alcoa brushed aluminium rims - countersunk holes for short stud fixing
<input type="checkbox"/> WHC-FOL1	One foldable wheel chock	<input checked="" type="checkbox"/> RT-STEEL	Wheels - Steel rims
<input type="checkbox"/> WHC-FOL2	Two foldable wheel chocks	<input type="checkbox"/> WCAP	Aerodynamic hub caps
<input type="checkbox"/> WHCP-F	Wheel chock carrier position - In the front part of the vehicle	<input type="checkbox"/> SPWT-D	Spare wheel & tyre with rear tyre pattern
<input type="checkbox"/> WHCP-M	Wheel chock carrier position - Middle part of the vehicle	<input type="checkbox"/> SPWT-F	Spare wheel & tyre with front tyre pattern
<input type="checkbox"/> WHCP-R	Wheel chock carrier position - In the rear part of the vehicle	<input type="checkbox"/> SWCP-LF	Spare wheel carrier on left side of chassis ahead of rear axle
<input type="checkbox"/> WHCP-T	Wheel chock carrier position - Outer luggage locker	<input type="checkbox"/> SWCP-R	Rear mounted spare wheel carrier
<input type="checkbox"/> TB-R80	Toolbox 800 mm, right side	<input type="checkbox"/> SWCP-T	Spare wheel supplied temporarily strapped to chassis
<input type="checkbox"/> SUP-BAS	Side guards - Check with bodybuilder chassis space requirements	<input type="checkbox"/> SWCP-TP	Temporary spare wheel carrier on top of chassis frame
<input type="checkbox"/> CHAIN-S	Snow chains	<input type="checkbox"/> JACK-12T	12 tonne bottle jack
		<input type="checkbox"/> JACK-15T	15 tonne bottle jack
		<input type="checkbox"/> JACK-20T	20 tonne bottle jack
		<input checked="" type="checkbox"/> TOOL-BAS	Toolkit - Basic
		<input type="checkbox"/> TOOLKIT	Toolkit - Complete
		<input type="checkbox"/> INFLAHOS	Tyre inflation hose

Standard Equipment

Optional Equipment

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MODEL RANGE

FM 11 4x2 Rigid - Rear Air Suspension FM 42R 1A

GAUGE-TP Tyre pressure gauge

DRIVELINE EQUIPMENT

TRAP-HD Reinforced gearbox application

■ **DRM-BE** Drive mode - Balanced & Economy

DRM-E Drive mode - Economy

PVT-MAP I-See Predictive Cruise Control - using map-based topography information

■ **PVT-MTM** I-See Predictive Cruise Control - using map-based topography information with lower operating settings

■ **CRUIS-E** Cruise control - with I-roll and I-cruise, controls in steering wheel

AMSO-AUT Enhanced I-shift software with manual shift available in auto mode and kickdown facility on accelerator pedal

AVO-ENH I-Shift application software - Construction and off road applications

APF-ENH I-shift enhanced PTO functions

RET-TH Gearbox mounted retarder

RET-TPT Hydraulic Retarder for Powertronic gearbox

TC-HWO Transmission oil cooler - water to oil

TC-MAOH2 Extra high performance transmission oil cooler - air to oil with front mounted radiator

TC-MWO Basic transmission oil cooler - water to oil

1COMP530 Air compressor - One-cylinder 530 litres per minute

2COM1100 Air compressor - Two-cylinder 1100 litres per minute

■ **2COMP870** Air compressor - Two-cylinder 870 litres per minute

2COMP900 Air compressor - Two-cylinder 900 litres per minute

CLU-AIRC Clutchable air compressor

■ **AIRIN-HI** Air intake - Roof-mounted behind cab on the left-hand side

AIRIN-LO Low level air intake behind cab on left hand side

ACL1ST-S Air filter - two-stage element

■ **24A110BL** Alternator capacity - 110 amp

24A150BL Alternator capacity - 150 amp

24AL110B Alternator capacity - 110 amp

24AL150B Alternator capacity - 150 amp

CCV-C Closed crankcase engine ventilation

■ **CCV-OX** Closed crankcase ventilation for cold markets

■ **PRIM-EL** Electrical priming pump

PRIM-MAN Manual priming pump

FUEQ-EH Fuel line electric heater

AF-R Hot fuel recirculation heated fuel filter

■ **FUEFE2LW** Large engine mounted dual fuel filter with water separator

FUEFE2SW Small engine mounted dual fuel filter with water separator

EST-AID Engine starting aid -Preheating element in the air inlet manifold

220EBH15 220V/1.5Kw electric engine block heater

PTER-100 Engine power-take-off - Rear-mounted with DIN100/ISO7646 flange

PTER-DIN Engine power-take-off - Rear-mounted with DIN5462 (female) splined shaft for a close-coupled pump
Models with 3 steering axles will use this to drive the steering pump (AUXPSP)

PTER1400 Engine power-take-off - Rear-mounted with SAE 1410 flange

HPE-F101 Parker F1-101, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump

HPE-F41 Parker F1-41, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump

HPE-F51 Parker F1-51, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump

HPE-F61 Parker F1-61, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump

HPE-F81 Parker F1-81, engine mounted, fixed displacement, single flow, engine mounted hydraulic pump

HPE-T53

Parker F2-53/53, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump

HPE-T70

Parker F2-70/35, engine mounted, Fixed displacement, Twin flow engine mounted hydraulic pump

HPE-V45

Parker VP1-45, variable displacement, single flow, engine mounted hydraulic pump

HPE-V75

Parker VP1-75, variable displacement, single flow, engine mounted hydraulic pump

PTPT-D

Powertronic PTO, 1 front/upper DIN connection for plug-in pump (max. 850 Nm)

PTPT-F

Powertronic PTO, 1 front/upper rear facing SAE flange conn. for prop shaft (max.850 Nm)

PTR-D

Gearbox PTO for plug-in pump, 0.71xeng speed

PTR-DH

Gearbox driven high speed PTO for one plug-in hydraulic pump

PTR-DM

Gearbox driven medium speed PTO for one plug-in hydraulic pump

PTR-F

Gearbox driven PTO with rear flange connection

PTR-FH

Gearbox driven high speed PTO with SAE drive flange

PTR-FL

Gearbox driven low speed PTO with SAE drive flange

PTRD-D

Gearbox driven HIGH SPEED PTO for two plug-in hydraulic pumps

PTRD-D1

PTRD-D1 Gearbox driven HIGH SPEED PTO (1 SAE flange & 1 plug-in hydraulic pump)

PTRD-D2

Gearbox driven HIGH SPEED PTO (2 SAE flanges & 1 plug-in hyd pump)

PTRD-F

PTO with 1 DIN + 1 flange connection rear, manual gearbox

HPG-F101

Gearbox mounted hydraulic pump - Parker F1-101 hydraulic pump gearbox mounted

HPG-F41

Gearbox mounted hydraulic pump - Parker F1-41 gearbox mounted, fixed displacement, single flow

HPG-F51

Gearbox mounted hydraulic pump - Parker F1-51 gearbox mounted, fixed displacement, single flow

HPG-F61

Gearbox mounted hydraulic pump - Parker F1-61 gearbox mounted, fixed displacement, single flow

HPG-F81

Gearbox mounted hydraulic pump - Parker F1-81 gearbox mounted, fixed displacement, single flow

STWPOS-L

Steering wheel position - LEFT-HAND DRIVE

■ **STWPOS-R**

Steering wheel position - RIGHT-HAND DRIVE

STWM-LE

Steering wheel - Leather

STGW-AD2

Steering wheel adjustment - Neck tilt, column height and angle

■ **STGW-ADJ**

Steering wheel adjustment - Column height and angle

■ **AIRBAG**

Driver air bag

■ **DRC-AMII**

DPF Regeneration control switch - for manual and switching off regeneration

■ **1DAYDIG4**

Smart tachograph - Continental VDO 4.1 version 2 - legal demand from 21/08/2023

ARSL

Additional road speed limit - switch in dashboard

SPEED-DU

Dual speed limiter

■ **ESP-BAS1**

Electronic Stability Control ESC

ESPC-RO

Additional ESC functions - Reduced / Off

HWSS-ACB

Forward collision warning with adaptive cruise control and AEBs advanced emergency brake system

■ **HWSS-FCB**

Forward collision warning with AEBs advanced emergency brake system

■ **LSS-DW**

Lane departure warning system

LSS-DW3

Lane departure warning system with pilot assist

■ **LCS4**

Side Collision Avoidance Support - passenger and driver side

■ **DAS-W**

Driver Alert Support system

RSENS-W

Rain sensing windscreen wipers

■ **CU-ECC**

Cab climate Unit - Electrically controlled air conditioning with sun sensor

CU-ECC2

Cab climate Unit - Electrically controlled air conditioning with a carbon filter, sun, mist, and air quality sensor

■ **IMMOBIL**

Immobiliser

■ Standard Equipment

Optional Equipment

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MODEL RANGE

FM 11 4x2 Rigid - Rear Air Suspension FM 42R 1A

- ALARM-E** Vehicle alarm - Cab plus external sensor for body/trailer
- PHONE-PK** Telephone preparation kit (antenna, antenna attachm. cable incl.)
- ISUNS-BS** Side sun visor - Driver & passenger side
- ISUNS-DS** Side sun visor - Driver-side
- ISUNF-B** Interior front sun visor without mirror
- ISUNF-MD** Interior front sun visor with mirror on driver side
- ISUNF-RE** Electrically operated textile interior sun blind
- ISUNF-RM** Manually operated textile interior sun blind
- ADFS** Two extra DIN slots in front shelf - can be fitted with card or drawer available as an accessory
- BUPALARM** Reverse alarm
- RTOLL-PK** Road toll PREPARATION kit for trucks operating with "Toll Collect" in Germany
- LOADIND** Load indicator with central dashboard display
- REMC-MF** Multi-functio wireless remote control
- FIREXT3S** Fire extinguisher - 3kg mounted on the seat base
- WARNVEST** High visibility warning vest - No sleeves
- AIDKIT** First aid kit - Legal demand for EU markets including delivery to EU bodybuilder
- AIDKIT1B** First aid kit - Legal demand for trucks transiting Germany
- WARNLAMP** Portable warning lamp
- LAMP-IN** Inspection lamp
- BULBKIT** Bulb and fuse kit
- WRITEPAD** Writing pad
- DST-CF4** Driver seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt
- DST-CF5** Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt
- DST-CF6** Driver seat - Suspended with adjustable shock absorber, travel, backrest, lumbar, heat and ventilation controls with integrated seatbelt
- SBD-RED** Seat belt colour - Red
- SBPRE-DS** Driver seat belt pretensioner
- PST-BAS1** Passenger seat - Fixed non suspended fold up with seatbelt mounted on cab "B" post
- PST-CF4** Passenger seat - Suspended, adjustable shock absorber, travel, backrest & lumbar controls with integrated seatbelt
- PST-CF5** Passenger seat - Suspended with adjustable shock absorber, travel, backrest, lumbar & heat controls with integrated seatbelt
- PST-STD2** Passenger seat - Fixed with backrest adjustment, non suspended with seatbelt mounted on cab "B" post
- PST-STD4** Passenger seat - Standard suspended with seatbelt mounted on cab "B" post
- SBPRE-PS** Passenger seat belt pretensioner
- ARMRE-BB** Armrests - Two on both driver & passenger seats
- ARMRE-DB** Armrests - Two on the driver seat
- ARMRE-PB** Armrests - Two on the passenger seat
- ARU-BAS** Armrest upholstery - Vinyl
- ARU-LEA** Armrest upholstery - Leather
- FMAT-RUB** Footwell floor mats - Rubber
- FMAT-TX2** Footwell floor mats - Two sets, Rubber and textile with an embossed pile supplied in the cab
- LBK70** Lower bunk - Fixed 700 x 2000 mm
- MATL-FI** Lower mattress - Firm pocket sprung
- MATL-SF** Lower mattress - Flexi-zone semi-firm, pocket springs up to 100kg - 16 stone
- OLMAT-BA** Mattress overlay protector - 35mm thick
- OLMAT-PR** Mattress overlay protector - Premium 50mm thick
- TBK60F** Top bunk - Fixed foldable 600 x 1900mm
- TBK70F** Top bunk - Fixed foldable 700 x 1900mm
- PH-CAB2** Cab parking heater - 1.8kW Air to air
- PH-ENGCA** Cab parking heater - Engine and cab
- PH-SS** Cab parking heater - Short stop
- SLCP-BAS** Sleeper control panel - Basic with switches for interior light, night heater, roof hatch and door lock
- ETSB-F** Storage on engine tunnel - Central document box with two rear cup holders
- ETSB-FR** Storage on engine tunnel - Central document box with two rear cup holders & open storage pocket on cab rear wall
- ETSB-R** Storage on engine tunnel - Open storage pocket on cab rear wall
- RUS-BAS** Rear cab upper storage - 300 mm high
- RUS-HIG** Rear cab upper storage - 440 mm high - volume 245 litres
- REF-ICPK** Fridge - Engine tunnel mounted preparation kit
- REFR-RUS** Fridge - 28 litre rear upper wall mounted with dividers
- MICRO-PK** Microwave equipment - Wiring preparation kit for oven
- BOTH-D** Bottle holder - One under dashboard centre section
- COFMA-PK** Coffee maker - Preparation kit.
- INLI-BAS** Interior light - White LEDs
- INLI-NL** Interior light - White and red nightlight LEDs without dimmer
- INLI-NLD** Interior light - White and red nightlight LEDs with dimmer
- ARL-FLEX** Flexible reading lamps - Two "snake" type
- RH-EE** Fixed tinted glass sky window with emergency exit
- RH-ER** Steel roof hatch - Electrically operated, rear opening with emergency exit
- RH-ETR** Tinted glass roof hatch - Electrically operated, rear opening with emergency exit
- RH-MTR** Tinted glass roof hatch - Manually operated, rear opening with emergency exit
- GLAS-TIN** Cab windows - Tinted
- SWIND-BS** Cab side window - On both sides behind 'B' post
- SWIND-PS** Cab side window - Left side behind 'B' post
- AWIND-RF** Rear window
- VANMIR** Vanity mirror - In front shelf
- AS-FUS** Extra shelf in front compartments
- INFOT-PK** TV mounting preparation kit - Above the driver's door, includes bracket, electrical and speaker connections

CAB EXTERIOR

- EXTL-BA2** Enhanced exterior finish - Satin Volvo badges, instep, bumper, and mirror housing in cab colour. Main grille in thunder grey. Aluminium step inserts. Sunvisor and bumper spoiler in cab colour if specified.
- EXTL-BAS** Basic exterior finish - Satin Volvo badges, grey grille, instep, bumper, bumper spoiler, grille, door handles mirror housing and sunvisor if specified.
- DGLAS-H** Door glass - Hardened
- DGLAS-L** Door glass - Laminated
- BUMP-B** Front bumper - Plastic
- BUMP-B2** Front bumper - Steel
- BUMP-SP** Front bumper spoiler
- GUARD-EH** Sump and radiator guard - to protect engine and hoses
- BUGNET** Radiator insect screen
- CTILT-P-E** Electrically operated hydraulic cab tilt
- CTILT-P-M** Manually operated hydraulic cab tilt
- FCABS-A** Front cab suspension - Air
- FCABS-M** Front cab suspension - Mechanical spring
- RCABS-A** Rear cab suspension - Air
- RCABS-M** Rear cab suspension - Mechanical spring

Standard Equipment Optional Equipment

For more detailed information about cab and powertrain equipment, please refer to separate specification sheets.

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MODEL RANGE

FM 11 4x2 Rigid - Rear Air Suspension FM 42R 1A

- MIRCFPCS** Mirrors - Electrically heated and operated main and wide-angle with manually adjusted passenger kerb and front mirror and position camera in nearside mirror arm
 - MIRCFCPX** Mirrors - Electrically heated and operated FMX main and wide-angle with manually adjusted passenger kerb and front mirror and position camera in nearside mirror arm. To increase direct vision to the side the main mirrors have no cowlings
 - MIRCMCP** Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror and passenger corner pedestrian camera.
 - MIRCMS** Camera monitoring and mirrors - Electrically heated and operated main and wide-angle rear view cameras with manually adjusted passenger kerb and front mirror
 - **MIRCOMF** Mirrors - Electrically heated and operated main and wide angle and manually adjusted passenger kerb and front mirror
 - MIRCOMFX** Mirrors - Electrically heated and operated FMX main and wide angle and manually adjusted passenger kerb and front mirror. To increase direct vision to the side the main mirrors have no cowlings
 - **AMIR-F20** Auxiliary front view mirror with a 200mm radius
 - SUNV-H** External smoke grey sunvisor
 - AD-ROOF** Cab roof deflector - Adjustable
 - AD-SIDES** Cab side deflector - Short extension panels
 - **HL-LED** Headlights - LED
 - **HL-CLEAN** Headlight cleaner - Washer jets
 - HLP-ST** Headlight protection
 - DRIVL2** Two spot lamps
 - **UDRIVL** Auxiliary driving lights - Without
 - **FOGL-WC** Front fog lights
 - CL-STAT** Static corner lights
 - ASL-RF2** Integrated roof spotlights - Two LED aerodynamic spot lights in Globetrotter sign box
 - BEACOA2F** Roof beacons - Two front roof mounted amber LED
 - BEACOA2R** Roof beacons - Two rear roof mounted amber LED
 - BEACON-P** Roof beacons - switch and wiring preparation only
 - BEACONA4** Roof beacons - Four amber LED - two front/ two rear
 - CABPT-R1** Single outlet for roof mounted accessories
 - **CABPT-R2** Twin outlets for roof mounted accessories.
 - SPOTP-F** Spotlamp preparation in front, max 280W
 - SPOTP-R** Spotlamp preparation on roof, max 280W
 - SPOTP-RF** Spotlamp preparation on cab roof and in cab front, max 2x280W
 - ROS-IL2** Preparation kit for illuminated roof sign with switch loose in cab, fit after registration
 - CSGN-GTR** Cab sign logo - FH "Globetrotter" or FH16 "Power"
 - **HORN-F1S** Horn - Air single tone - chassis mounted
 - HORN-R2S** Horn - Air - Two roof-mounted
 - ANT-CBR** Roof mounted antenna for CB radio, single aerial. Only Globetrotter cabs brings in extra DIN slots.
 - ACCBR-AP** Front, middle & rear roof mounted accessory brackets
 - ACCBR-F** Front roof mounted accessory bracket
 - ACCBR-FM** Front & middle roof mounted accessory brackets
 - ACCBR-FR** Front & rear roof mounted accessory brackets
 - ACCBR-M** Middle roof mounted accessory bracket
 - ACCBR-R** Rear roof mounted accessory bracket
 - ACCBR-RM** Rear & middle roof mounted accessory brackets
 - REFS-TW** White cab conspicuity markings by packed in cab
 - REFS-TY** Yellow cab conspicuity markings by packed in cab
- SUPERSTRUCTURE PREPARATIONS**
- SRWL-PK** Chassis-mounted working lamps - Side work and reverse lamp preparation and 3 position switch - Max load 280W
 - SWL-2FW** Chassis-mounted working lamps - Two white front mounted LED lamps
 - SWL-2RW** Chassis-mounted working lamps - Two white rear mounted LED lamps
 - SWL-4W** Chassis-mounted working lamps - Four white front and rear mounted LED lamps
 - SWL-PK** Chassis-mounted working lamps - Side work lamp preparation and 2 position switch - Max load 280W
 - WLC-H2A** Working lamp back of cab - Two amber LED high mounted
 - WLC-H2W** Working lamp back of cab - Two white LED high mounted at the back of cab
 - WLC-PKCH** Working lamp back of cab - Preparation kit - cables and switch
 - WLC-PKH** Preparation kit, cables and switch for high mounted working lamps back of cab
 - WLC-PKL** Preparation kit, cables and switch for low mounted working lamps back of cab
 - WLC-PKLH** Preparation kit - cables and switch for low and high mounted working lamps back of cab.
 - ECBB-HIG** Bodybuilder module - High level body electrical centre in dash input/output module
 - **ECBB-MED** Bodybuilder module - Medium level body electrical centre in dash input/output module
 - BBCHAS1** One 7-pole connector for Body builder interface
 - BBCHAS3** Three 7-pole connectors for Body builder interface
 - BEPR-T2** Body builder electrical software preparation for tipper with remote control
 - EXSTER** External steering control - Volvo dynamic steering and bodybuilder module prepared for external control system, installed and computer by bodybuilder
 - TD-BAS** Trailer detection WITHOUT LED sensing
 - **TD-LED** Trailer detection with LED sensing
 - FRFS-B5** Frame rail free space - both sides to give space for crane legs or other equipment.
 - FBA-BTF** Lower front body attachments for torsionally flexible - platform body
 - FBA-BTSP** Lower front body attachments for torsionally semi-flexible body - box or curtainsider
 - HBA-FSFB** Holes for body attachments - flexible/semi-flexible body
 - HBA-SB** Holes for body attachments - stiff body
 - RBA-T2** Lower rear body attachments for helper frame
 - CRANEPK1** Crane plates mounted to frame, for cranes up to 10 tonne metre capacity
 - CRANEPK2** Crane plates mounted to frame, for cranes up to 20 tonne metre capacity
 - CRANEPK4** Crane plates mounted to frame, for cranes up to 40 tonne metre capacity
 - AUXL-SPK** Electrical preparation kit - wiring and switch for snow plough lights
 - TAILPRE2** Tail lift preparation kit, wireless remote operation
 - TAILPREP** Taillift preparation kit - cab switch and warning in driver display
 - AESW2** Two Body builder bistable electrical switches (marked AUX1 / AUX2)
 - AESW2PK** 2 Body builder bistable el.switches (marked AUX1/AUX2) and prep. for 4 more switches
 - AUXSW-4** Wiring for 4 extra switches (from Body builder electrical centre to switch positions)
- DELIVERY SERVICES**
- **TGW-4GWL** Telematics gateway - GSM/GPRS/4G modem, LTE & WLAN
 - **TGW-PK** Telematics gateway - preparation kit
 - FMS-PK** Fleet management system gateway - Required for aftermarket telematics
 - DRUT1** Driver utility app - "My Truck" - 1 year subscription
For mobile phone, tablet, with android and IOS systems.
Only available with Volvo Connect subscription
 - DRUT2** Driver utility app - "My Truck" - 2 year subscription

■ Standard Equipment □ Optional Equipment

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MODEL RANGE

FM 11 4x2 Rigid - Rear Air Suspension FM 42R 1A

- **DRUT3**
For mobile phone, tablet, with android and IOS systems.
Only available with Volvo Connect subscription
Driver utility app - "My Truck" - 3 year subscription
For mobile phone, tablet, with android and IOS systems.
- **DRUT4**
Only available with Volvo Connect subscription
Driver utility app - "My Truck" - 4 year subscription
For mobile phone, tablet, with android and IOS systems.
- **DRUT5**
Only available with Volvo Connect subscription
Driver utility app - "My Truck" - 5 year subscription
For mobile phone, tablet, with android and IOS systems.
Only available with Volvo Connect subscription